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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/478,313	01/06/2000	MICHAEL HUSAYN KALANTAR	YO999-417	1524

7590 10/22/2002
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EXAMINER

NGUYEN, QUANG N

ART UNIT	PAPER NUMBER
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2141

DATE MAILED: 10/22/2002

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/478,313

Applicant(s)

KALANTAR ET AL.

Examiner

Quang N. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 January 2000.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 January 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

1. This Office action is in response to the Application No. 09/478313 filed on 01/06/2000.

Drawings

2. The drawings filed on 01/06/2000 are acceptable subject to correction of the informalities indicated on the attached "Notice of Draftsperson's Patent Drawing Review," PTO-948. In order to avoid abandonment of this application, correction is required in reply to the Office action. The correction will not be held in abeyance.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-13 and 15-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Hoffman (US 6,460,071).

Referring to claim 1, Hoffmann discloses a system and method for providing data from a first entity to a second entity, wherein said second entity is to perform processing using the data, comprising the steps of: transferring the data from the first entity to the second entity (client/web

server transmission/environment); storing the data as stored data at said second entity (stores strings of textual information); associating a data handle to the stored data, wherein said first and said second entity each are aware of the handle (reference to the stored data will be made using the handle); and invoking at least one service on said data by using said data handle (see Hoffmann, Figs 2-4 and corresponding text, Abstract, C2: L55-64, C4: L48-76, and C5: L1-46).

Referring to claim 2, Hoffmann discloses the method as in claim 1 above, further comprising storing the data handle with the stored data (see Hoffmann, C5: L3-5, and L20-27).

Referring to claims 3, 11 and 12, Hoffmann discloses the method as in claim 1 above, wherein said transferring and said invoking are done simultaneously and wherein said method further comprises invoking at least one successive service, which comprises data transfer across a network (data transmission in client/server environment) and comprises encryption of said data (encrypted client login ID/password used to access server), on said data by using said data handle after said storing and associating steps (see Hoffmann, C3: L65-67, C4: L1-5, and C5: L20-42).

Referring to claims 4-9, Hoffmann discloses the method as in claim 1 above, wherein the first entity invokes the at least one service by providing at least service invocation information and said data handle to said second entity; the first entity invokes a plurality of services on said data by transferring a composite service invocation to said second entity; said associating of the handle is conducted at the first entity and wherein the handle is transferred to the second entity and/or vice versa; said associating of the handle is performed by the third entity and communicated to said first and said second entity; said associating of handle is performed implicitly by the transfer of said data (see Hoffmann, C5: L20-42).

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Referring to claim 10, Hoffmann discloses the method as in claim 1 above, further comprising transforming said data from a first representation to a second representation (see Hoffmann, C3: L65-67, and C4: L1-5).

Referring to claim 13, Hoffmann discloses the method as in claim 4 above, wherein said at least one service comprises file I/O by the second entity (see Hoffmann, I/O controllers 206, 210, permanent storage 208 of Fig. 2, C4: L17-22, L48-51, and C5: L28-42).

Referring to claims 15-19, the system of claims 15-19 is similar to the method of claims 1-13 in their limitations. Thus, the system of claims 15-19 is considered for the reasons as stated in the discussions of claims 1-13 above.

Referring to claim 20, the program storage device of claim 20 is similar to the method of claim 1 in their limitations. Thus, the program storage device of claim 20 is considered for the reasons as stated in the discussions of claim 1 above.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hoffmann as applied to claim 4 above, and further in view of Draves (US 5,802,590).

Referring to claim 14, Hoffmann discloses a method as in claim 4 above wherein the service is provided by the second entity but does not explicitly disclose that the second entity comprises a kernel. In the related art, Draves discloses a system and method for allowing processes to access resources wherein a kernel of an operating system maintains a system-wide resource table containing resource entries (see Draves, Figs. 2-3 and corresponding text, Abstract, C3: L42-67, C4: L1-14, L48-67, C5, and C6: L1-20). Therefore, it would have been obvious to one having ordinary skill in the art to modify and combine the systems and methods of Hoffmann and Draves so as to obtain the claimed invention since such methods/techniques were conventionally employed in accessing and controlling various data resources by associating a data handle generated by the kernel to the stored resources.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The following patents are cited to further show the state of the art with respect to method and system for providing secure access to computer resources in general:

U.S. Pat. No. 6,047,323 to Krause.

U.S. Pat. No. 6,125,384 to Brandt et al.

U.S. Pat. No. 6,360,247 to Fujishiro et al.

U.S. Pat. No. 6,398,105 to Ramberg et al.

U.S. Pat. No. 6,446,109 to Gupta.

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8. A shortened statutory period for reply to this action is set to expire THREE (3) months from the mailing date of this communication. See 37 CFR 1.134.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang N. Nguyen whose telephone number is (703) 305-8190.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark H. Rinehart can be reached on (703) 305-4815. The fax phone numbers for the organization is (703) 746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3800/4700.



MARK H. RINEHART
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Qn
October 5, 2002